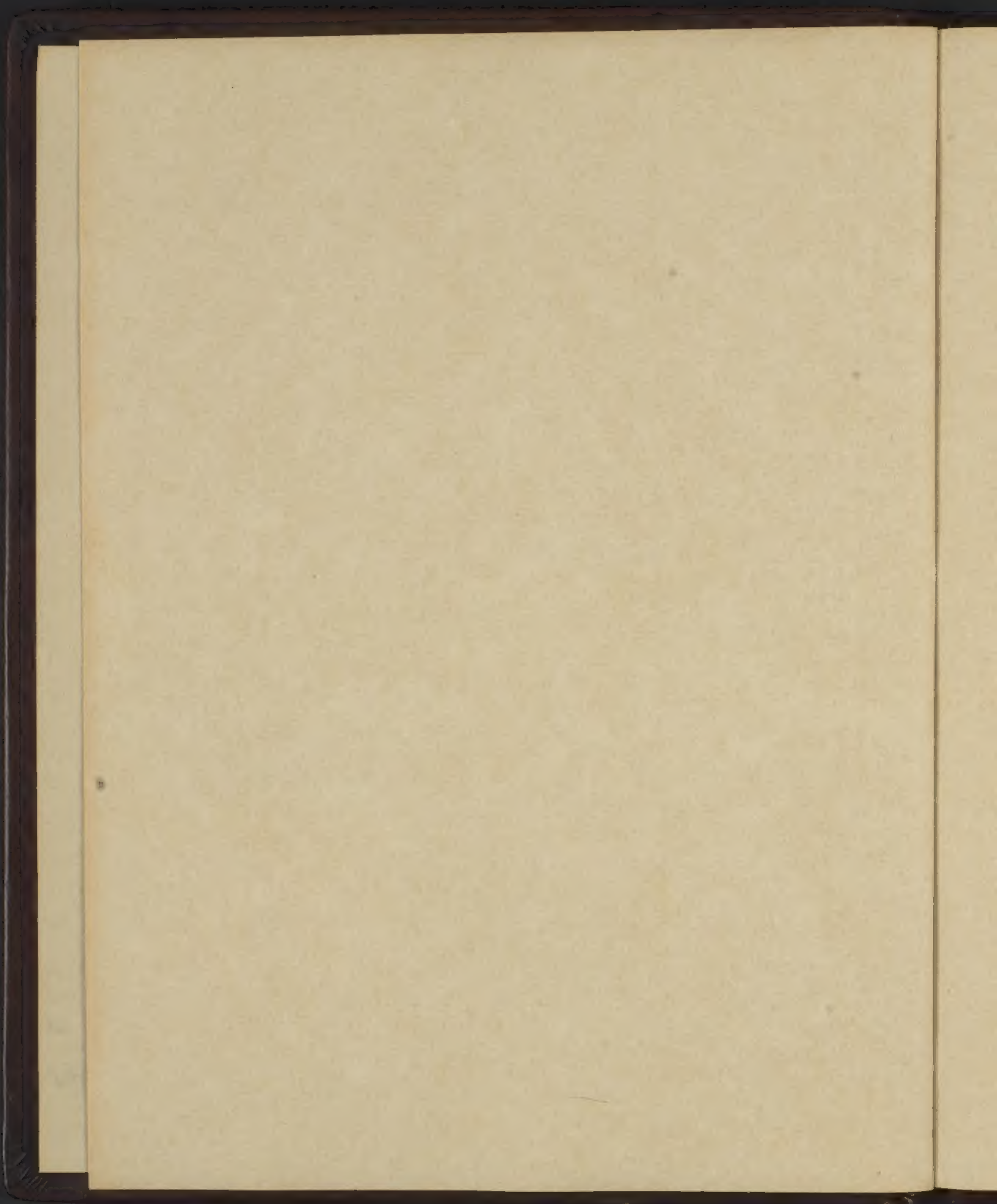
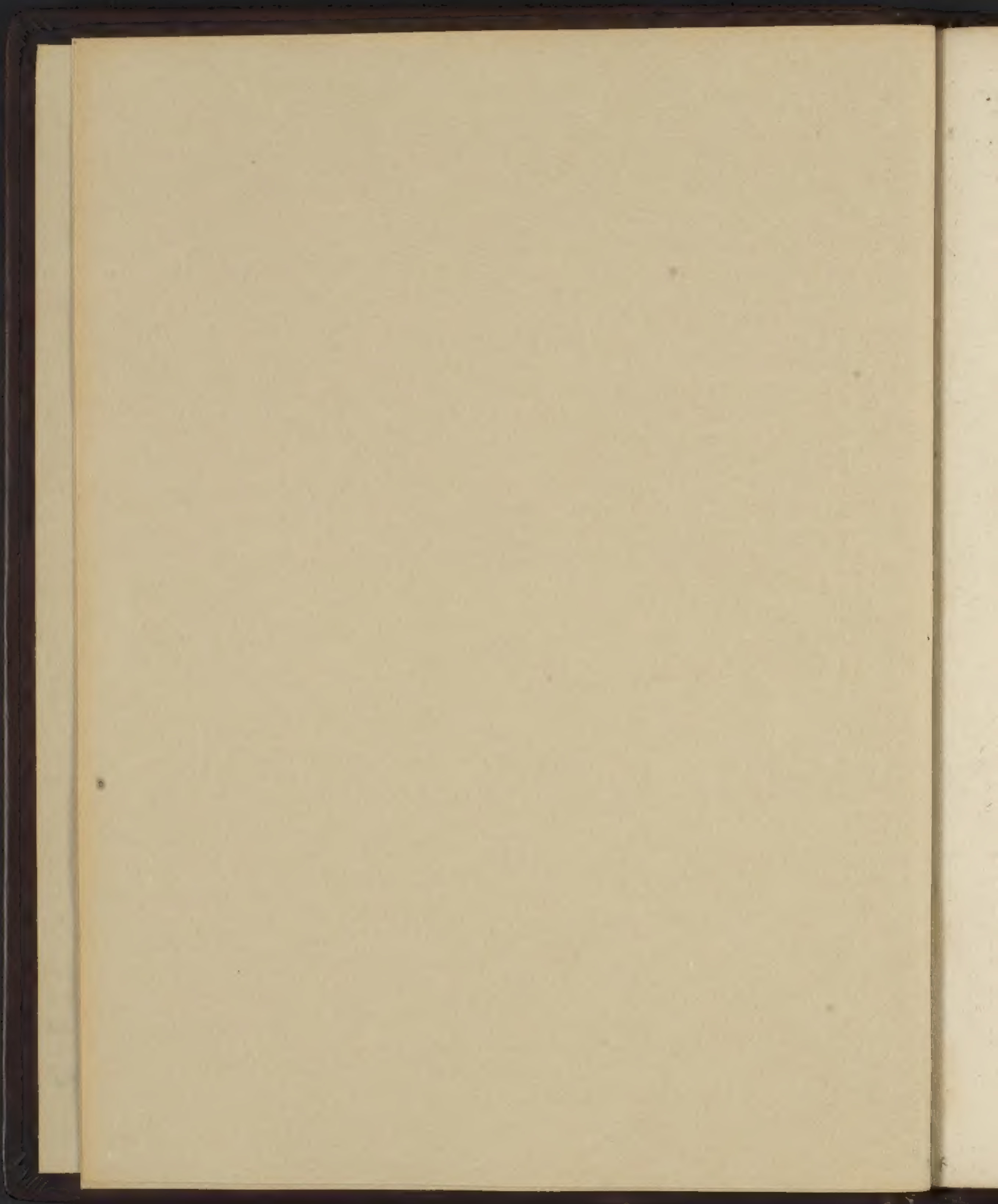
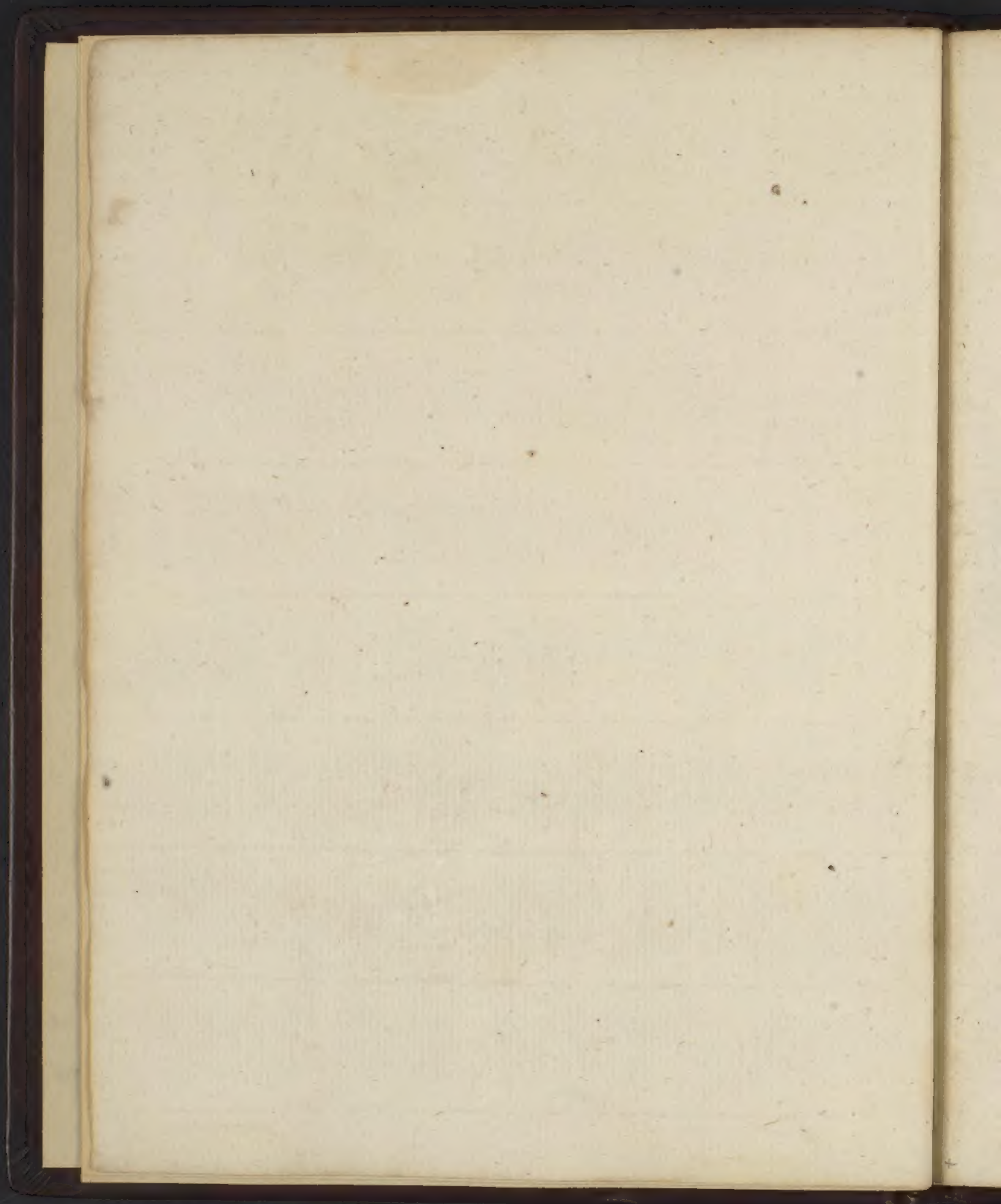


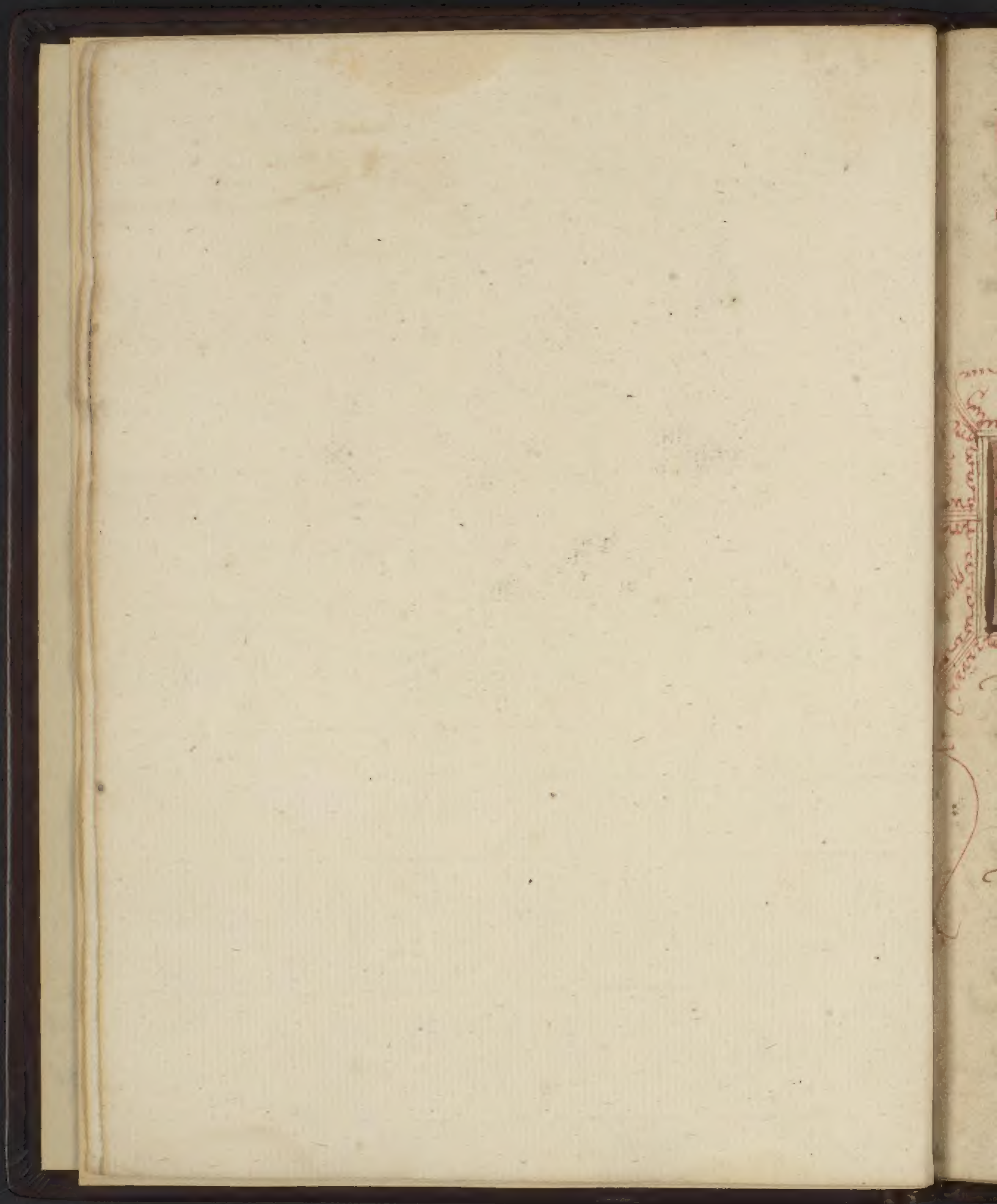
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The firste parte

conteynynge the instruction of the Ephemeride

First consider the disposition
and order of the Ephemeride.

Capitulum



In the beginning

ye put the nomber of the yere to y
wchye belongeth the Almanacke & yew
foloweth the golden nomber & the
Cycle of the Sonne the letter dominicall. & the Indiction
The Interball and other notable fautes and yf ther
shall any of thes things suffer defaulte of lengthe & ye to saye
yf vntill the Sonne or moon shall suffer the Eclipse
or shall be shewyd to signification or portendure therof.
Also the ingressions of y few planett & how longe ther
ingressions shall endure yf any do require it. Also
The crasse turnyd over a double kind of letters ye
presentyd. In the left face the nombers of the yeres
motyngs to thes degrees & mynutes ar disposed.
But that yow may disterme and thynke more playner.
on the face of the booke toward the west hand the moneth
ye sett out to certayne thes feynall daye &
the letter dominicall thorowghly to the nomber of
8 daye

the dayes, that a fure morninge may be assigned unto
all may in a certayne knowne tyme. After that
felow y^e. viij. colunnes. dyvidyd, in generall lymb
of the whole the ffirst colunne y^e of the frow. 0.
the fsecond of the mon. The viij. y^e of the mon
to the God of the Dragon. The other 3. myddyll
colunnes or p^{er}th^{er}, are adstrydyd. to Saturne
Jupiter Mars Venus & Mercurius. And ffor prop
tervise above theyn ffor y^e ffirst order. Also vnder
Colunne ffor a docto order of novembere that y^e
of degrees & mynute by letter in the God of
theyn marked. ~~The ffirst~~ ^{The ffirst} of theyn of theyn
ffor the ffirst ffor the ffirst ffor the ffirst ffor the ffirst
The ffirst morninge theyn marked y^e referred to
the none of the ffirst day / to the novembere of the
mornynge daye the degrees & mynute & opposit of
the ffirst morning / less they put the dayes upnall
as the ffirst putatow astronomycall requyryth / But
vnder Colunne of the planetz requyryth. two letters
in the God. whiche dothe ffirst the parte of vnder
latitude to the bygyninge of the monyth to theyn
two letters. S. A. Septentrional ascendent / To
theyn that ffor. S. D. the planet y^e ffirst
Septentrional ascendent. E. M. and D. ffirst
the meridian ascendent. and M. and A. the mer.
Evan ascendent. You shall ffirst the latitude of the
planet. in degrees and mynute in the vnder of
vnder monyth. to the ffirst day the 10. & the 20. daye
of the monyth aforsaid. whiche shall take theyn name
accordynge the ffirst of the capitall letters ffirst above

and shall set into the planet / so out in the first of
the numbers from the head of the column to the foot
of the same depending the letters . S . M . or . A . D .
having given to mean making a warrant / For
given the latitude of the planet other of the aspect
or distant shall be gauged in latitude for the opposition
of the letter . Now last lett be done what ye
marking on the right side or side of the book / And
the greater part of the interpretation for the capital
style expounded . But ye the aspect of the moon to
the . Sun & planet . No . 6 . column by expounded
noting the waye the prop note or letter in the
head of the ^{aspect} Sun & other planet / And the difference
of the aspect also by the letter marked taking
beginning from the mydday or none to the hour
in the waye the sun aspect be parted or done
But the conjunction of the sun & the moon their opposition
& quadrature not only in hours but also in minutes
be marked in the column of the Sun next the waye
also from the left hand to the number of the daye
of the month what se vid yt be / That vid aspect may
be noted in certayne tymes / Then foloweth the
aspect of the Sun & other planets between the
solar waye from the as the knowledge of the moon
requyeth to be set . Next meaneth the conjunction
of the moon to the head & the tale of the dragon
last or finally a certayne peculier accident ye
showed to the planet from the Sun that ye may
be or Orientall or occidentall the accident be

showed by

shewyd by thysse two syllabylles. Or and. Oct. sett
or putt over the head of the .s. Colunghs / and the
ye for the order & disposicion of the Epemerides.

To serche the Golden nomber the letter
dominical Indicon & movable feastes Ca. 2.

The furste lease of every
Epemerides the saide propound / For
ther shall you finde put on the ryght
hande the nomber of the daye of the moneth after
that the ar expressed the movable feaste when they
myght so be celebratyd so that any person in any
stode may knowe yt by hym self. So by the order
the Golden nomber the letter dominical the Cycle
of the son and the Indicon & ar sett forth playnly.

To notifie the variety of planety signes
and aspects Ca. 3.

The old sapient & wyse of the releshae
thynge for the comon use of the name of
the .12. signys of the zodiyak the .7. planet
& also of the .4. aspects of the heade & the tayle
of the dragon of the moone & of the conjunction dyd
recoquite certayne karactes to the wyse & thysse
nameys myght be the more easelyer declaryd to
reader. For they wyllynge to signyfy the kar
rallid karact. put only the signys of the .4. kar
actes to signyfy the same in thys maner. V. They
for karactes wyse to the sunn they put the .4. karactes

figured 8. For Gemini they have two columns right
to gether in this manner. II. For Cancer they have
the two horns of Cancer or the Crabbe y^e so maked
For the Lion the taylor of the Lion in this forme. A.
For Virgo or the Virgin they have the pleyte of
a maydens garmente or at some call yt the gown
of her garmente yn this forme. III. For Libra or
the Salamm the apper part of the same thus signified
For Scorpio called the Scorpion the knottys
sayle of the same. IV. For Sagittare an arrow
in this forme. +. For Capricorne or the goat the
sayle of Capricorne the herowls ymage in this
manner. P. For Aquary two fishes thus maked
For Pisces called the ffishes thus ymagined. X.
For in the herowls ymage the herowls sterys
called the ffishes as yt were in a hende or foregyde
to gether in the myddell. But they wyllynge to
expresse the head & the sayle of the dragon of
the mon. made two halfe herowls yndynged vnto
the herowls knottys that they myght signifye the head of
the dragon in this forme. O. and the taylor therof
contrary downward in this manner. 93.

They for Saturne they painted an old man wth
a staff in his hand after this manner. II. For Jupiter
a man a kynge beynge a shepter thus. IV. For
Mars. a Darte of warre in this forme. A. For
the Sun the forme of the Sun thus rounde. O.
For the moon the ymage of her as thus. D. For
Venus the ymage of a mayde thus. F. For Mercury

A yonge man berenge flowers in his holmolt thus
portrayd &

Chasped for asynge at yt yt & distancie uitor,
ynge to certayne pte of the zodiac at the denomy-
nacion of the yere. For the yere is divided
by an asynge foundacion of the denomy nacion ynto
maner. For in the .12. signys of the zodiac the
ber. 4. pte of a neweber many tymes takyn
renderinge the same or an signification. For the .12.
signys haue first a syxt parte, that yt two signys
make a syxtle asyete and therfor yt is
called by cause yt holdys the .6. pte of the circle
the .6. signys goynge from com. vnto the .
same noted by the maner. * the .12. signys disposed in
the circle, dyuidynge yt into .6. equalle portyon.
The .12. signys haue also a fourth pte. that yt
3. signys of the circle yt made a quadrat asyete
the .12. signys yt called a quartyle for that cause yt holdys
a fourth pte of the zodiac the .12. signys quadrat or
quartyle the same feyned in this maner. □.
the .12. signys sett in the circle dyuidynge yt into .4. equalle
pte. takynge oute euery seide or quarter. 3. signys.
Further the .12. signys of the zodiac haue a
thyrde parte, that yt to saye. 4. signys make
a thyrde asyete the .12. signys yt so called by cause yt
comprehendys a thyrde parte the .12. signys the .12. signys
equalle seide the same marked thus. Δ. the .12. signys put
in the circle takynge .4. signys on euery seide.

*

□

Δ

oo

Further the .12. signys of the zodiac haue also a

& found

second parte or an halfe that yb. 6. signyfy of the
wyngs by cause the vntremys by the halfe an apparet
or contrary therfor yt yb. nominatyd y oppositoun
or the oppositoun aspecte wyngs in two roundels
oppositoun they same notyd thus o. It saye pleased
theynd also for that cause to descreybe the comynghoun
in one roundel in this maner o.

ffor asynge at the. 12. signyfy of the zodys. saye
none other pte than ar novembryd therfor ther
shalbe no mo aspecte than those asersaid. ffor the
distanc of. 5. signyfy yb. none aspecte. for. 5.
ar not any pte of. 12. / Nor yet the distanc by
com. signyfy for com. yb. no november but the
begynnyng of november. therfor com. pperly
yb. not callyd a parte of. 12. round rather yt yb.
to be callyd the begynnyng of a pte. and y
more by cause yt mesureth vnto november. and
yollesse yt disseureth not in mesurynge november
from november.

The trewe moonyng of the Sonne and
the moon and of the. 5. planetts. of the
hyde & the fayle of the dragon of y. moon
to take or sende at none of vnto daye Ca. 9.

Serche of the daye proposed among
the novembrys of the dayes of the moneth
and that in the first order of novembrys
on the left side and right agaynst y
same.

same' november of the daye toward the right hand
in the colunpne under the face of the planett of
the roger's howe shal be the two place defende to
the daye proposed for the howe salt founde in the north
of the roger's howe shal be the daye the second sheweth
the manner of the of the same sign' roger's howe
put a bowe. These dayes & moments shal be founde
by the two place of that planett, dayes & moments
to the noone or myddell of the same daye. And
the two place of the face of the dragon of the moone
evermore founde by the opposite sign' of the two place
of the head of the dragon of the moone & in the daye
of the like november.

The two place of the sonne and the moone
and of the .5. planett of the head & of the face
of the dragon of the moone to finde out for
the howe & moments of the daye Ca. 5.

And because in the ephemerides
the morninge of the sonne & the moone & of
the .5. planett also of the head & the face
of the dragon of the moone be counted to the
myddell of the daye, of the roger's daye they be
ascribed to the november, and yt is necessary
the morninge of the sonne to have the moments of
the daye for the continuall morninge of all the
years. It shal be convenient in this place to give
a generall order by the roger's howe morninge of

the

every planet in every moment may be taken of
the Ephemeride and that by an small circle
of proportion in this manner. In the first place write
the number of the 24. hours of the day
naturally in the second place the daily moving
of the planet whiche by subtraction of the
moving of the day from the moving of
the said planet of the day undeviated
followinge if it be directe or contrary if it
be retrograde is gathered. In the third place
the time in hours & minutes to what moving
you will. The whiche moving so to the
circle of proportion disposed lett the second
number be multiplied by the third or to
the contrary & that residue is produced lett
it be divided by the first. Then divide the
quotient therunto if it be the planet be directe
or subtra it if it be retrograde from
the moving in the Ephemeride written
of the day. And that remaining shall be
true place of the planet required at the
time.

To Gather surely the horer moving
of every planet you will. Ca. 6.

For the howe mooyng of vny
planete the Table folowynge ys
made. The use wherof ys thus
Take the dayly mooyng of the planett
whos honer thou sekest by subtraction of
the lesse mooyng from the more accordynge
to the doctryne of the Canons aforesaid then the
dayly mooyng sette out in the table in the
first order of the nombers towardys the left
hande whiche must be to the degrees and
myntes of the mooyng of the day. Then
after towardys the right hande of the same
table you shall fynde myntes & secondes or thirdes
& fourthes that ys the howe mooyng of the
planett. By the maner of conditon of the dayly
mooyng be a degree the first nomber
shalbe a mynt the seconde a second & the
thyrde a fourth & mynt the first nomber
shalbe a second the seconde a thyrde accordynge
to the denotacyon of the tytle sett in the head
of the Table.

$\frac{g}{m}$	$\frac{m}{2}$	$\frac{2}{3}$	$\frac{g}{m}$	$\frac{m}{2}$	$\frac{2}{3}$	$\frac{g}{m}$	$\frac{m}{2}$	$\frac{2}{3}$	$\frac{g}{m}$	$\frac{m}{2}$	$\frac{2}{3}$
1	2	30	16	40	0	31	77	30	46	115	0
2	5	0	17	42	30	32	80	30	47	117	30
3	7	30	18	45	0	33	82	30	48	120	0
4	10	0	19	47	30	34	85	30	49	122	30
5	12	30	20	50	0	35	87	30	50	125	0
6	15	0	21	52	30	36	90	30	51	127	30
7	17	30	22	55	0	37	92	30	52	130	0
8	20	0	23	57	30	38	95	30	53	132	30
9	22	30	24	60	0	39	97	30	54	135	0
10	25	0	25	62	30	40	100	30	55	137	30
11	27	30	26	65	0	41	102	30	56	140	0
12	30	0	27	67	30	42	105	30	57	142	30
13	32	30	28	70	0	43	107	30	58	145	0
14	35	0	29	72	30	44	110	30	59	147	30
15	37	30	30	75	0	45	113	30	60	150	0

How to fynde otherwyse that we have
ye tangente afore Ca. 7.

Take out the doubled moonyng of the planett
of the weyng from the first to know the
horow by the foresaid and double the same

then add to that doubled the halfe dayes mooyng of
the said planet and that cometh therof sheweth
the true horer mooyng of the said planet. Nevertheless
you must change the denomination of the
fraction by some difference of denomination in the
order. If the dayly mooyng drawe out hane
a degree lett they the firste nomber of the fraction
of the mooyng of the horer be a mynth. 490.
seconde a seconde. But if the firste nomber of the
dayly mooyng holde a mynth the firste nomber
of the fraction of the mooyng of the horer shalbe
so gauged shalbe a seconde the seconde a thirde
and so consequenter.

To fynde out the true and equate
argument of the latitude of the moone, Ca. 8

The argument of the latitude of
the moone is the distance of the
body of the moone from the head
of the dragon. Therfor to hane the argument of
the latitude of the moone, take of the Exprimed
the true mooyng of the moone and of the head
of the dragon of the same for a certayne tyme
markyd and the lenth of the same mooyng
resolue the same in nombers by the table of the
lenth of the 12. signes of the zodiac. And the
true mooyng of the head of the dragon of the

moone

moone taken from the true motion of the moon
the 12. signs taken from the subtraction
maye not otherwise be done by any other
very true & equall arguments of the latitude
of the moon

To shew the very true latitude of
the moon every moment. Ca. 9.

Intr into this table and for
the sign of the arguments of the latitude
of the moon found out by the Canon
aforesaid. either in the head or in the foot of the
table. And you shall find the sign in the
head of the table. Take then the degree of the
arguments in the line of number of degrees
of the left side from the head of the table to the
foot thereof descending. And in the canon angle
or distance together of the signs of the sign and
degrees of the arguments of the latitude of the
moon you shall find the latitude Septentrional
ascendent or meridional ascendent of the moon
by degrees & minutes written. Septentrional
ascendent is the arguments of the of the latitude
of the moon. 0. 1. or else it shall hold 2. in
signs. Meridional ascendent is the arguments
of the latitude of the moon. 6. 7. or 8.
signs. Possessing. And the sign of the
aforesaid.

forfaide argument of the latitude of the moon be
founde in the foot of the table / take the degree of the
same in the line of the number of degrees on
the same right hand of the table goinge upward
and in the remane angle of the signe & of the
same degree of the arguments of latitude of the
moon / the latitude septentrionall descendent
or else the latitude meridionall ascendent you
shall perceive in degrees & minutes / ~~the~~
declare to be septentrionall descendent if the
arguments of the latitude of the moon be .3. 4
or .5. of signes / But to the argument of the
latitude of the moon 9. 10. or .11. in signes
Meridionall ascendent / .4 fingers of the
arguments of the latitude of the moon certayn
minutes be annexed / Then you must enter
two manner of wayes (as yt is shewed) the
different to be taken awaye and the part
proportionall accordyng to the proportion
of the minutes to the whole degrees to be given
whiche add or diminish from the remane
angle accordyng to the arte of astronomie
requyryth /

To determine the
 latitude of the .s. planet
 in certain dayes & horary
 Ca. 10.

This may be

behold the latitude of the
 .s. planet Saturne Jupiter
 Mars/Venus and Mercury
 in the Ephemerides. at the
 daye .1. 10. and .20. in
 degree and minute in the
 end of the left side of the left
 under the letter of the .s. planet
 also the parts of
 the latitude and all the foregoing
 things ye shal find by two little
 tables the columnes of the
 planet in the ephemerides
 here that ye be the two.

S. & .s. ye shal find.

Septentrional ascendent
 and so. S. D. Septentrional

descendent ye shal find. S. D.
M. Q. Meridional ascen-
 dent. And. M. L. doth.

Summe.

The table of latitude of the moon

Septentrional ascendent
 Si 0 1 2 ynes

Meridional. descendent

Si 6 7 8 ynes

ar. m. g. m. g. m.

0 0 0 2.30 4.20 30

1 0.5 2.39 4.22 29

2 0.10 2.39 4.25 28

3 0.16 2.43 4.27 27

4 0.21 2.48 4.30 26

5 0.26 2.52 4.32 25

6 0.31 2.56 4.34 24

7 0.37 3.0 4.36 23

8 0.42 3.4 4.38 22

9 0.47 3.9 4.40 21

10 0.52 3.13 4.42 20

11 0.57 3.17 4.44 19

12 1.2 3.21 4.45 18

13 1.7 3.24 4.47 17

14 1.12 3.28 4.48 16

15 1.18 3.32 4.50 15

16 1.23 3.36 4.51 14

17 1.28 3.39 4.52 13

18 1.33 3.43 4.53 12

19 1.37 3.46 4.54 11

20 1.42 3.50 4.55 10

21 1.47 3.53 4.56 9

22 1.52 3.56 4.57 8

23 1.57 3.59 4.58 7

24 2.2 4.3 4.58 6

25 2.7 4.6 4.59 5

26 2.11 4.9 4.59 4

27 2.16 4.12 5.0 3

28 2.21 4.19 5.0 2

29 2.25 4.17 5.0 1

30 2.30 4.20 5.0 0

Septentrional descendent

Si 5 4 3 ynes

Meridional ascendent

Si 11 10 9 ynes

signyfyng Meridionall Ascendence / wherof yf thou wilt
have & certen and sure latitude of a planet to any
daye of the moneth, those ymmediately the differenc
of two latitudes wrytyn wherof thou shalt dyvide by
the nomber of the dayes fallinge betwene. so shall
yt com out in the quotiente how manye for everye
daye of the latitude of the said planet yb to be
addyd or to be dynnysshed, as the order of astro-
nomy requyryth. But yf yn any Colurme of
any planet the letter S. or M. stande then
part of the latitude of the said planet yb changed
ffer yf yt be. d. or. C. then the Ascendence of
the Descendence yb changed accordyng to the
signyfication of the letter / wherof yf yt stande
in the dayes betwene that yb from. 1. to. 10. or from
10. to. 20. / Or els from. 20. the parte of the latitude
yb changed into. 1. of 2 monethes folowynge / Then
the daye in the wherof yt yb changed yb no latitude
of planet / And yf before this daye for any dayes
fallinge betwene the latitude yb sought for. Then
the differenc shalbe sure as yb signyfied expessed
a sought the next daye before the Surparoy / And
so yt yb for any daye fallinge betwene after wherof
also yb to be nombered from the daye in the wherof
the latitude was changed & tithyll before / Yf
you wyl the howe lok tppon the. 6. Canon
herof. / /

f

To fynde the aspect of the planetts to
the moone and of other betwene them
selues. Ca. 11.

I n the right syde of the Ephemeris
redes vnder the raretye of the Sow & of
any other planett thou shalt fynde the
raretye of the aspectt betwene the moone & the
the same planett & the howe sett by yt in
the vnter the same aspectt shall happy /
also the coniunction, opposition & quartyle aspectt
betwene the Sow & the moone because theye
haue more higher powerrys than other planetts
both of the howe & mynute as sette in
the same syde towards the right hande & also
the coluyns of the planetts as shewyd the
aspectt of the planetts betwene them selues
& the Sow & any happy and also the coniunctio
of Caput & Cauda to the moone /

To shewe the treme tyme of any coniunction
or opposition or quartile of the Sow & moone
to every meridian. Ca. 12.

f yste the lyne of the noumber
in the right syde of the Ephemerides

containing the dayes of the monthes to shall above
 written, next the which contrary or against the
 same you maye see the Earses of conjunction oppositio
 or quartile in a double order of number. Whereof
 the firste sheweth the hour, the other the minute
 in the which the conjunctions oppositions or quartiles
 of the Sun & moone dothe happen to a certayn
 meridian for the which the calculation of the
 Ephemerides is made. If thou wouldest the same
 to any other meridian, entre the table of the
 Cities opposite of the place purposed or next
 and take ther the hour & minute. or the
 minute alone, under this title, Time / and add
 thereto the hour & minute of conjunction oppo-
 sition or quartile. If youe find the this mark
 A // or what if youe finde M. which
 signifieth. meanes and thou shalt have the
 time of conjunction opposition or quartile what
 so ever it be verified to the meridian proposed.

To know the eclipses of the sun & moone
 if ther be any that yere. Ca. 13.

no

whether ther shall come Eclipse
 or no in any yere from the first
 leaf of the Ephemerides in a certayn
 printed appropriate declare /

To investigate whether the Eclipse shall
 alongst the head or the tail of the Dragon
 called Caput & Cauda Draconis, and
 whether it shall be whole or particular, and
 if it be particular whether it shall be
 toward the north or meridonall or
 toward the south. Ca. 14.

In the right side of the Eclipse,
 meridonall consider the condition of it
 be of the Sun or the opposition of
 the Eclipse be of the moone, and the farther
 of the head or of the tail, sett opposite between
 the parts of the Sun & of the planets between
 the points shall manifest the same. For
 the picture of the Eclipse be so plain that it
 made manifest to the beholder whether the
 whole or particular & what part be eclipsed also
 in the same figure the superior part north
 the lower part south, the right side west, the
 left side East, the center of astronomical
 discipline hath ben wont to nominate /

To counte the time thereof, & of the beginning
 the middle & the end with the whole con-
 tinuance of every Eclipse. Ca. 15.

At the head of this Chapter thou hast
the time of the half Eclipse yndayes
however & mynute to a certayne mynute
may happen therof the calculation of the
ephemer. It is yustified the beginning
whereof if thou wilt knowe, Rebat the half
duration yndayes wherebye under the foresaid
time from the time of the Eclipse & the
residue sheweth the time of the beginning
of the Eclipse / and the same half duration
addyd to the time of the half Eclipse & it
produced sheweth the end thereof and the same
doubled sheweth the duration or continuance
of the whole Eclipse from the beginning to
the ending / And if thou wilt drawe the out
to any other meridian trye the however & mynute
or mynute only founde in the table of notable
Cytus opposit of the place purposed or that
it is most nearest under the title Cytus / And to
the time of the half Eclipse if thou finde the
Note A. or els mynute if thou finde M.
and thou shalt have the time of the half Eclipse
rectified for the meridian purposed to the
where thou may work by a like manner to

from the beginning the end, & all the duration
as is aforesaid /

To shew the taryenge of the rosyll bode
of the moone hether vnder darknes Ca. 16.

Entre into this table folowynge here
unto annexed, of the taryenge of the
moone to points & mynutes ellipticall
quadrately set above the Eclipse & against
the points and mynutes propounded or next vnto,
if they be not founde precisely / thou shalt fynde
the howe & mynute of the rosyll obscuration
of the moone / and the halfe of the taryenge
put awaye from the tyme of the drawe oppo-
sition or of the halfe Eclipse, that is left ^{thence}
beginnyng and the same added to the residue
sheweth the end of the rosyll obscuration
of the moone /

The Table of the taryenge of the moone
vnder darknes all the tyme of her absence
foloweth.

Verbe /

of daye, and you shall fynde the Elevation
of the poole in the begynnyng of the table. &
the daye of the Son in the left side / If
you see the signe of the Son you shall fynde yt
in the hedde or in the right side. If yt be founde
in the foot & in any angle of the table, yt sheweth
the halfe daye, if the Son revolveth aboute any
north sign or halfe the right if yt compass
& south sign in howe & mynute / The
com of the daye begynneth founde from the .12. howe
subtracted, the rest sheweth and so by the halfe
quantity of the daye you shall knowe the going
downe of the Sun and also by the halfe mynute
you shall knowe the risinge / And also of the daye
doubled the halfe daye and the halfe mynute
sheweth the lengthe of the daye of the year / And
if the quantity of the daye be knowne unto y,
the same subtracted from .24. howe / the
quantity of the night shall appere / And by the
waye by a contrary maner the daye / And
if any mynute be annexed to the twofold daye
belonginge the enteringe of the table (at the
y went), & parte proportionall to .60. mynute
yt to be taken for the difference of the table yt
veray small & litle, and sheweth the y
nothing .0.

nothinge therfor of the degrees of the son vpon
 30 for the same to be taken any whole degree
 of the be lesse, the be to be put away, and
 the operation shalbe playne amonge

The northe signes

V. 8. II. ☊. ♈. ♉.

Of the quantite of
 the halfe daye.

The southe signes

☋. ☌. ♊. ♋. ♌.

Of the quantite of
 the halfe nyght.

To tyme the astronomycall horours taken from
the myddaye into horours taken from the beginning
at the risinge of the Son or goinge downe or
frome mydnyght. Ca. 18.

In the Ephemerides the
accounte of euerye horour y^e taken or
referred to the myddaye. For as muche
as yt ys the use to manye nationes to number the
horours from the Son risinge, to other from the
goinge downe of the Son, and to some the halfe
frome mydnyght to none / the reduction of the same
is vnto astronomycall horours (the same
style observed). For if you wyl requyte the
horours from the goinge downe of the Son to the
astronomycall horours. Take a waye the
tyme of the halfe daye by the foresayd proposition
founde, frome the horours proposed from the
myddaye, and the residue declareth the horours
from the goinge downe. And you shall fynde the
requiation in comyng to the Son risinge / If
you rebate the tyme of the halfe myght, from the same
12. horours last to. But if yt be frome myd-
nyght (the be comyng) accordyng to the halfe
horologe or clock / subtra. 12. from the horours
proposed / and the residue shall shewe the horour
from

from myddnyght. If behowys the howers of the halfe
Clock from the myddaye, to agred wythe the astro,
nomynall howers unto .12. & clock of the myght.

To sett out a figure of the heven artificially
to what moment you wyl. / Ca. 19.

yrste of all ther buy two thyngs
to be taken grade of for the rectitoun of
the Canon. That ys the trewe plan
of the son, and the trewe and equat tyme for
whom thou intendest to write y^e figure of the
heven. Therfor if thou wyl. write the figure
of the heven to the myddaye, the trewe plan of
the son for that myddaye taken. Entre unto y^e
table seruyng to the habytaryon, sekynge the signe
of the son in the hyde of the table; the degre of y^e
son undermeth in the lyne, under the Tytle .10.
That ys to saye of the .10. howse / and you shall fynde
in the lyne overywarte toward the right hande
agaynst the degre of the son, the begynnynge of
the .6. howse of the heven. That ys of the .10.
the .11. the .12. of the fyrste .2. and thyrde.
Of all the other .6. howse you shall fynde the
begynnynge by conformable degres of opposite
signe.

signe. But if you will create & feyne of the
horow to any other tyme at after none, Take at
aforfayd, the true place of the Eoid of the Equinox
meridid for the mydday or none, wth the true
true place of the Eoid, entre into the Table of the
horow of the habytation at aforfayd, and agaynst
the degre of the Eoid towards the left hand, the
tyme in horow & mynute beyng founde, write
the tyme wth out, and add yt to the sayd tyme.
For every .15. mynute aboute the degre of the Eoid
founde, almoste annuete for the parts proportionall
of the two introtyd, the to the sayd tyme so
wrytyn wth out add the tyme purposed at after
none, by the maner of astronomy, the horow to the
horow the mynute to the mynute for every .6. horow
also, from none past, in addyng to any horow
a mynute. The cause that cometh resolution of the
firste mobile ys fowrtyd in .24. horow & .4.
mynute. And if the growe to more than .60. for
the .60. mynute put a wage, wryte any horow.
And if the be more than .24. horow gathered the
same .24. horow abwith & put a wage to the
residue in horow & mynute if any remayn
thou shalt entre agayne, under the title. Tyme
from the mydday, and you shall see owte dely
gently the sayd tyme gathered, for agaynst the same

tyme.

tyne or the mooste nrest founde, you shall fynde the
beginnyng of the .6. horoscopes to the full degree
as afor. Of the other .6. horoscopes, the beginnyng
shalbe made manifeste by the signes opposite
to the firste haden added come table of the horoscopes
of the zodiac, for only come latitude or clearyng
of the pole, that is .26. 29. degrees $\frac{1}{2}$ northward
for the two next latitudes collaterall. that is to say
48. 0. 50. and above in degrees may be used to
avoid any sensible error. They that do desire the
table of the horoscopes of other latitudes let
theym take copye of the same of other inventorys
or copyists, for this reason is generall, and
therefor it serveth to other tables of horoscopes.
They shall suffice therfor to the full degree of the
12. horoscopes to the beginnyng in the art of astro-
nomie / who so ever desireth more narrowe the
calculation to the degree & minute of the beginnyng
of the .6. horoscopes. Let theym also the work
of Orontion of Maister John de Monte Regio,
the more so most particuler with the signe of the
zodiac to degree & minute.

To sett in the place of the figure of the
planets and fixed stars masterly. Ca. 20.

y the afor said, with a figure of
the 12. houses of the house or by any other
manner. You diligently consider, whether
the place of the planet taken of the beginning
be of middell house & degree of the corner of
the two next houses or not. for if it be of the house,
for if it be of the house, put the place thereof in the
selfe same house of the figure, so likewise in
all other houses. So likewise in all other
houses, the planet in the same house, noting
houses comprehendeth the degree of the planet.
But if the planet same latitude and be nere to
the corner of any house, it fortyneth southerly
the same to fall in the house followinge and
southerly in the house precedent, accordyng
to the largenes or greatnes of the latitude and
space thereof. **B**ut by cause the beginning summe
laborious to the beginner, for the present
we shall leave of, and also so ever will more
partly & more fully serve the purpose. Let
you look upon the Table of Direction of
the most best learned man, Master John de
Monte Regio. in the 121. problem, And

giv.

here yt ys highly to be noted, that amonge the
 Astronomers, dayes equall be supposed only
 for the necessary mystification of the ~~movynge~~
 And therefore eue mooynges ys supposed in dayes
 equall, and not vnequall. For this cause, all
 cometary oppositions & quartelys of the sublyt
 calculatyon bey of equall dayes, as also theyr
 mooynges. But that they maye also serue to the
 vnequall dayes, therefore ys added vnto the
 the Equation of dayes. For also accordyng to
 the tyme, the ascendent ys takyn of vnequall
 dayes. For the tyme ys of dayes of vnequall
 4. sort, or naturall, other differencyall or reall
 which ys amonge all, in the naturall of thinges
 euey wyse, and accombrayd. That tyme ys
 not apt for mystification of mooynges. For yf
 thou comtyste the mooynges for a set tyme.
 Subtracte the equation of the dayes, from the tyme
 sett / that yt may be apt for the collectyon of the
 mooynges of the dayes equall. / Therefore also of
 Table of the moone, sett after, subtracte from
 the plan of the moone mynute, which be conuert
 to the equation of the dayes, that the plan of the
 moone be made to the vnequall dayes / therefore
 yf thou wolt to put in the plan of the moone

to the Arguments of the Conjunction Opposition or
 Quartile. **F**irst set the place of the Sun of the
 same day in the Table of the moon following. The
 sign in the toppe, the degree, or mooste merest, in
 the left side. And in the common angle thou shalt finde
 the quantity of the mooving of the moon, to any tyme
 taken, for the equation of the dayes. Ther is
 also an other tyme to be met in the mooving of the
 moon for the diversity of the meridian tyme.
For the Epemerides is made to conuert
 meridian. wherfor other notable places wher
 be under any other meridian. wher also are descript
 of the labour the use to the mooving of the
 moon verified as aforesaid. The quantity in the
 tables of notable return under the Equator of the
 moon, against the Cypher of the add or subtra.
 At the letter. R. or M. be aduerted to the said
 quantity. And other planets by cause of the
 slowe of their mooving, they need not the
 forme of reformation.

The Conjunctions and aspects of the Sun, &
 the moon and planets according to the
 Affection of the sept spheres, next to the
 wher they suppose other & other effect to
 declare Ca. 21.

hat which is put in this place
 is set forth in the third problems of the

first

fyrste partyle, also plynne in the seconde boke of the
 naturall hystorye the 39. chapitre conformeth the
 same. Therfor the trewe playe and habitude of
 the feyde starys are to be knowyn. For the resynge
 of the starys of Orion. of Arcture, of Virgile
 and Canicula the sterye up ryndys and stowys
 or els are wounte to bryng clereuysse to the betwene
 bothe. Mervayll the the power of the starys goynge
 abougst at sund tyme, but also of many other in
 the heven, so often as they be put bak in the acress
 of the wyng sterye or els be our rask to the
 southe of the beanye, at we ppye to examyn in
 the sterye wryth the Cretes for the same
 cause munnys the the name. Nadars. As also
 we fynde in the bytys of may the fyre sterye
 so grannt mervelous felicitye. For the same
 cause we have annexed a table of certayne notable
 sterye fownd by the wyse salbe pwyd to the
 bothe resynge, goynge downe and of the the me-
 dyatione of the heven for the meridian & clearyng of
 the poole. 49. As by the Exemple. Wenter ret-
 dothe resynge. 5. 9. e. m. 47. of II. wherfor wryth
 Sow. 5. 9. e. 47. m. of II. yt resynge to wenter ret-
 the same sterye goynge downe. 4. 9. e. 48. m. of V. in
 the wyse degre & mynat of the sign, the the Son wry-
 yt goynge downe to the sterye e. 4. 1. And to have
 the resynge of the planet wryth the latitude from the
 ellipticall lyne. behold the table of. John de moult
 wryth. behold also the angles of the figures of natyure
 or of other pynnyll. For the the horoscope of the

or Ceti
 the 2. 7
 the 3. 7
 the 4. 7
 the 5. 7
 the 6. 7

figure do quadrat or ioyne wth the figure in degree or
minute of the response of any star ther put. & now
the same star directly to be sett in the degree of the
ascendant, so take gods lykenesse of the other angles

The Table of the mooring of the moon

G.	V	S	II	☿	♈	♉	♊	♋	♌	♍	♎	♏
0	4	9	10	8	6	8	13	16	15	8	2	0
2	4	9	10	8	6	8	13	16	14	8	1	0
4	5	9	10	8	6	8	13	16	14	7	1	0
6	5	9	10	8	6	9	13	16	14	7	1	1
8	5	10	10	7	6	9	14	16	13	6	1	1
10	6	10	10	7	6	9	14	16	13	6	0	1
12	6	10	10	7	6	9	14	16	13	5	0	1
14	6	10	10	7	6	10	15	16	12	5	0	1
16	7	10	10	7	6	10	15	16	12	4	0	2
18	7	10	9	6	6	10	15	16	11	4	0	2
20	7	10	9	6	7	11	15	16	11	3	0	2
22	8	10	9	6	7	11	16	16	10	3	0	3
24	8	10	9	6	7	11	16	16	10	3	0	3
26	8	10	9	6	7	12	16	15	9	2	0	3
28	8	10	8	6	7	12	16	15	9	2	0	4
30	9	10	8	6	8	13	16	15	8	2	0	4

On the other side followeth the table of
the first stars w^{ch} the response & giving
down and the mediation of the heven recty-
fied to the year of o^r lord 1540. completed

	Longi tude			lati tude			ascen sion			descent			middle of year			Nature of stars	
	sig	g	m	g	m	l	z	sig	g	m	sig	g	m	sig	g	m	
Venter Ceti	Y	15	5	20	0	m	3	II	5	47	Y	4	48	Y	23	26	h
Cornua V	Y	26	45	7	20	S	3	Y	1	53	Y	1	6	Y	23	49	or h
Caput alijol	Y	19	45	23	0	S	2	p	29	2	II	25	30	Y	11	50	h lital
Media pleiaden	Y	22	35	4	40	S	5	Y	9	19	Y	26	35	Y	21	19	de f
Lyra d	II	0	25	4	35	m	3	II	9	44	Y	26	33	II	1	24	h lital
Orion d. aldeb	II	2	45	5	10	m	1	II	12	47	Y	28	15	II	3	44	or
pes. si. orio. Ruy	II	9	15	31	30	m	1	S	19	48	Y	13	59	II	13	35	h
humeri si. orion	II	10	25	17	30	m	2	S	5	38	Y	25	16	II	12	46	or e
humeri agitur	II	15	15	22	30	S	1	Gorsu	not	donoy				II	12	6	or e
Orion nebuloza	II	17	5	18	50	m	n	S	11	42	Y	29	27	II	18	45	de h
humeri d. orio	II	27	5	17	0	m	1	S	13	22	II	4	51	II	23	3	or e
Camis maior. de	II	7	45	39	10	m	1	II	13	46	Y	25	14	S	5	42	de h
Caput II anterod	II	13	25	9	40	S	2	II	28	22	II	8	48	S	14	27	Y
Caput II sequetis	II	16	45	6	15	S	2	II	8	37	II	1	34	S	17	33	or
Camis minor de	II	19	15	16	10	m	1	II	3	27	II	25	39	S	17	7	h lital
Orsepe	II	0	25	0	40	S	n	S	29	49	II	2	1	II	0	34	de or
Dorsu d. orio. edub	II	7	45	49	0	S	2	Gorsu	not	donoy				II	4	37	or
Alphard h	II	20	5	20	30	m	2	II	2	22	S	9	42	II	13	38	h e
Cor lionis. Ruy	II	22	35	0	10	S	1	II	22	31	II	22	53	II	22	37	or e
Dorsu lionis	II	4	15	13	40	S	2	II	25	39	II	23	14	II	9	57	h e
Cauda lionis	II	14	35	11	30	S	1	II	8	7	II	24	41	II	19	43	h e
preuidermatu	II	2	15	15	10	S	3	II	24	36	II	28	II	8	57	h e	
Spina m. lionis	II	16	45	2	0	m	1	II	17	49	II	10	16	II	15	56	h lital
Antur d. orio	II	17	5	31	30	S	1	II	29	42	II	27	43	II	0	23	or e
Luna Coron. alpe	m	4	45	44	30	S	2	II	5	51	p	23	51	m	20	30	h e
Altra lamp. libri	m	8	5	0	40	S	2	II	7	39	m	9	55	m	8	18	de h
fronte Rorpromb	m	26	25	1	20	S	3	m	25	19	m	29	31	m	26	46	or
Si. preb. Serpetarij	m	25	5	17	0	S	3	m	12	55	II	24	43	m	29	1	h lital
Cor Serpionis	II	2	45	4	0	m	2	II	6	46	II	22	46	II	1	55	or h
Lyra	p	7	25	62	0	S	1	II	18	13	II	18	12	p	4	5	h e
Aquila	p	23	55	29	10	S	2	II	19	23	m	16	39	p	19	19	or e
Cauda Capror.	m	16	25	2	0	m	3	m	21	42	m	14	47	m	16	47	de h
Postrema fuf. fo	m	20	5	23	0	m	1	Y	28	21	p	26	10	m	29	11	h lital
Cygnus	m	29	15	60	0	S	2	Gorsu	not	donoy				m	4	13	h e
Crus Aquarii	II	1	45	7	30	m	3	II	27	15	m	27	11	II	4	43	h lital
humeri equi	II	16	45	19	40	S	2	p	26	17	II	27	3	II	8	47	or e

To know the change of y^e water. Ca. 22.

TO know the change of the
ayer. Ptolomy prync^e of that arte
commandeys to erecte & figure of y^e
ground, and after the nature of the Dominator
the disposition & qualite of the ayer shalbe known
Most surely of the self Dominator opteynd an
angle in the corner of the change. But many
of late comande the same to be don not only
to the mynde of the condition, but also abougst
the quartels and vny opposicion. To this the
more doys not a lyttle worke, (byng so many
moost nere to the regyrd of the elements, for
yt ys many tymes for the qualite of the sign
& mansion wher the passys, and for the nat^e
of the aspect wher the larys to the son &
planett, & water of so despoysed. And ther
unto the support of the planett between the
planett and to the son, wher the ransys alte
ration of the ayer to our comfort & understanding
as yt shalbe declared by the table folowynge
Also to the opening of the gatyng many water
hays ground grette power and strengthe /
And of what strengthe the resynge & young

down

downe / ~~of the~~ ^{the} ~~guy~~ ^{guy} and of the undysson of
the first starye of the guyd holdyng in the
plan, yt yb stery of aristotell Colunell ~~phyn~~
and othe moost excellent lernyng may. ~~ffirst~~
more the regressyone starye & habitudyl
to y Augis of the planet, and also the
apposy of the Augis in the raryer &
othe lyk accordyng to ~~al~~ ^{al} ~~gund~~ ^{gund} & othe of
the raryer yt yb ~~con~~ ^{con} ~~uient~~ ^{uient} to ~~ob~~ ^{ob} ~~ser~~ ^{ser} & the
the tradymont / And that thes thing
may be now raryed may be made more
plan and easer. It yb to be knowe the
Dominator of the sign to the mynte of
Condyon opposition or quartyl made or
wettyd of the Bow & more the same to be
wettyd in the plan of the moone and ascendit
or at sund saye in the moost the Augis hand
moost fortitudy the moone goyng afor the
same or folowynge. The openyng of the
gaty (as ~~al~~ ^{al} ~~gund~~ ^{gund} sayth) yb callid when
the inferior yb conyng to the superior, and so
that the house of the yme be opposit. Of the
openyng of the grete Jowd the ~~calouse~~
speakyng & raryyng in thes wordy, when
the moone yb separatyd from condyon of

any

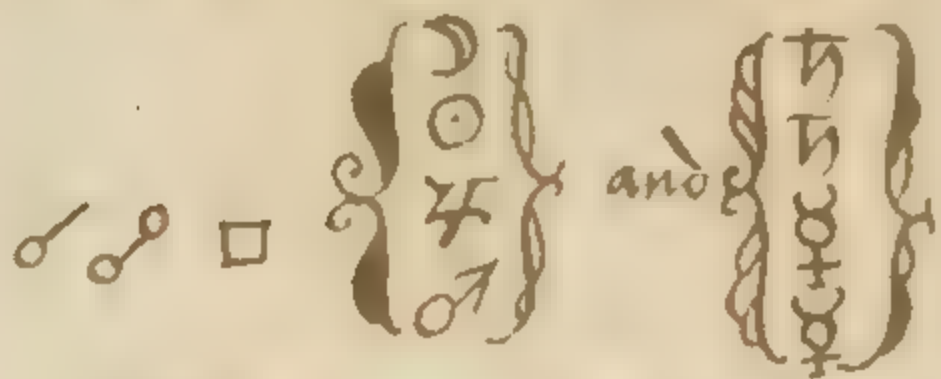
11
one planet, or from the aspect thereof, and be con-
junct to any other planet, and the houses of those
planets be opposite. Thus ye the opening of a
great storme in the regions of the world to come
may be and rayne ab ye of the nature of those
planets. And these opening of great storme
be set out all plainly by the table following
for the names of the gods of the first church. The
house of the gods, the great, & nature, of the first
proper table shall appear. / And also the rising
and going down and the mediation of the sun
the altitude of to the pole of the sun. 49 degrees
1/2 from the sun self. / Also the sun & the
the sun to the altitude of any other pole, but
the sun self the 57. problem of the table of the
first motion or 13. of the table of directions
of the sun & moon Regio.

The table of aspects of the planets
between the sun self and to the moon
for the motion of the sun. following

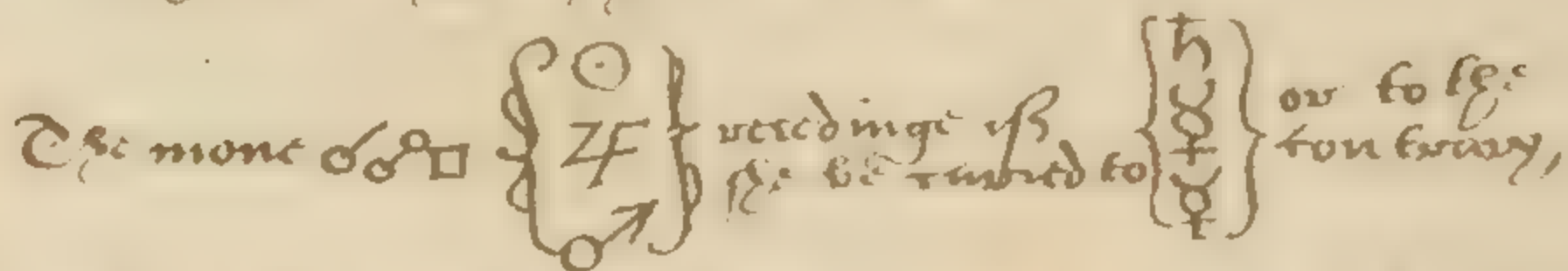
/ 8 / 8 / 10 /

	D.	♀.	♀.	♂.	♂.	♂.	Temp.
th	foul. moist cloudy. re great cloudy hail Snow.	Windy Rain Showers Clouds Snow	Rain. cold Showers Cold Snow	Rain. cold hail. tho dr. hail. cold Cloudy or snow	Rain. foul Thunder hail Rain Cold	troub. moist hail. thoder attingest wind rain Storme or cloudy	Here Som Herbst Wint
24	Tempe ratiss. of the ayr.	Great windy	Tempe ratiss.	windy thunder lightning windy Cold.	storm wind thod. fery storm wind Cold.	Ser Summer Herbst Wint	
27	unhappy cold moist in a heat signe tho are light moist in summer.	windy sunny cloudy in summer thunder	Rain Showers Rain Cold Snow	windy dry. thunder lightning wind. dry Cold	Ser Summer Herbst Wint		
30	disturb over for nature of a time of m. in moist in winter Snow	Ser windy to rain in a signe watry rain	Rain Thunder Rain moist	Ser Summer Herbst Wint			
31	rain or cloudy great showers Storm Snow	windy moist or Cloud.	Ser Summer Herbst Wint				
32	windy at the affair in m. Rain	Ser Summer Herbst Wint					

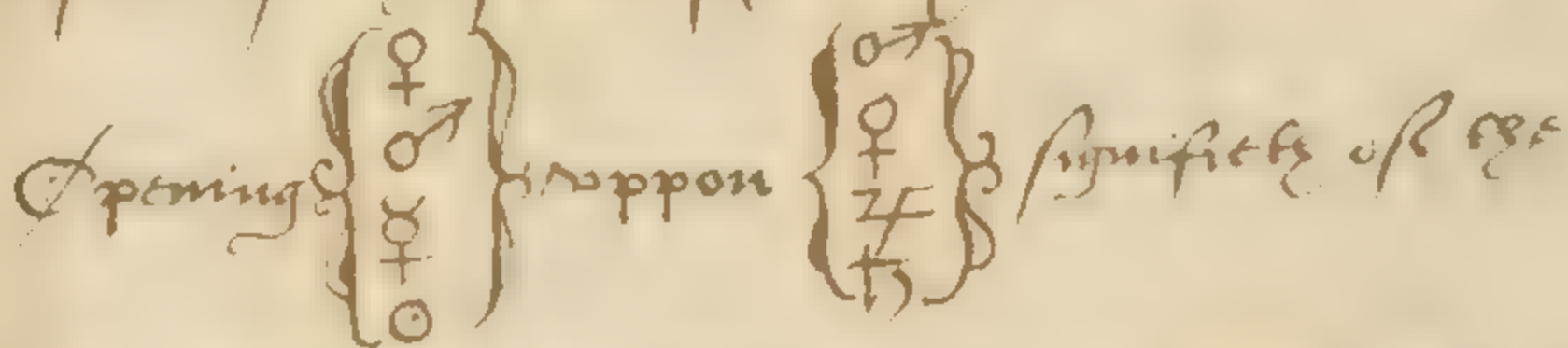
The openinge of the galyb:



The openinge of greake tempesty



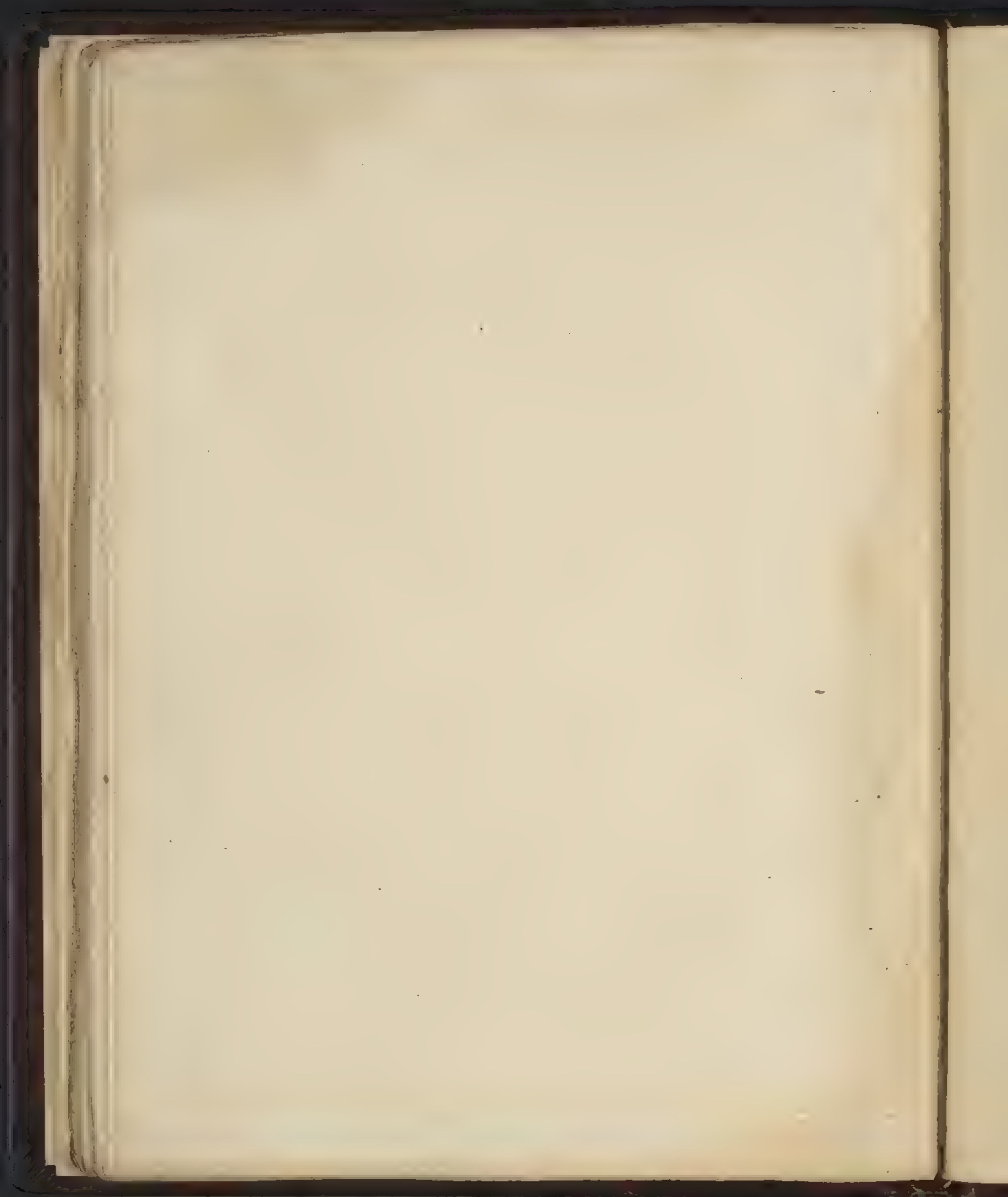
For the planet to the wrie the D yb syrtie
 liened is fande to open the galyb vppon the same
 to the wrie the is next wried And this is tal
 led y openinge of greake tempestes:
 And in ym is greake and notable change of y
 myre in wind in moystnes of the dyrt froles
 wried of the same. Now the

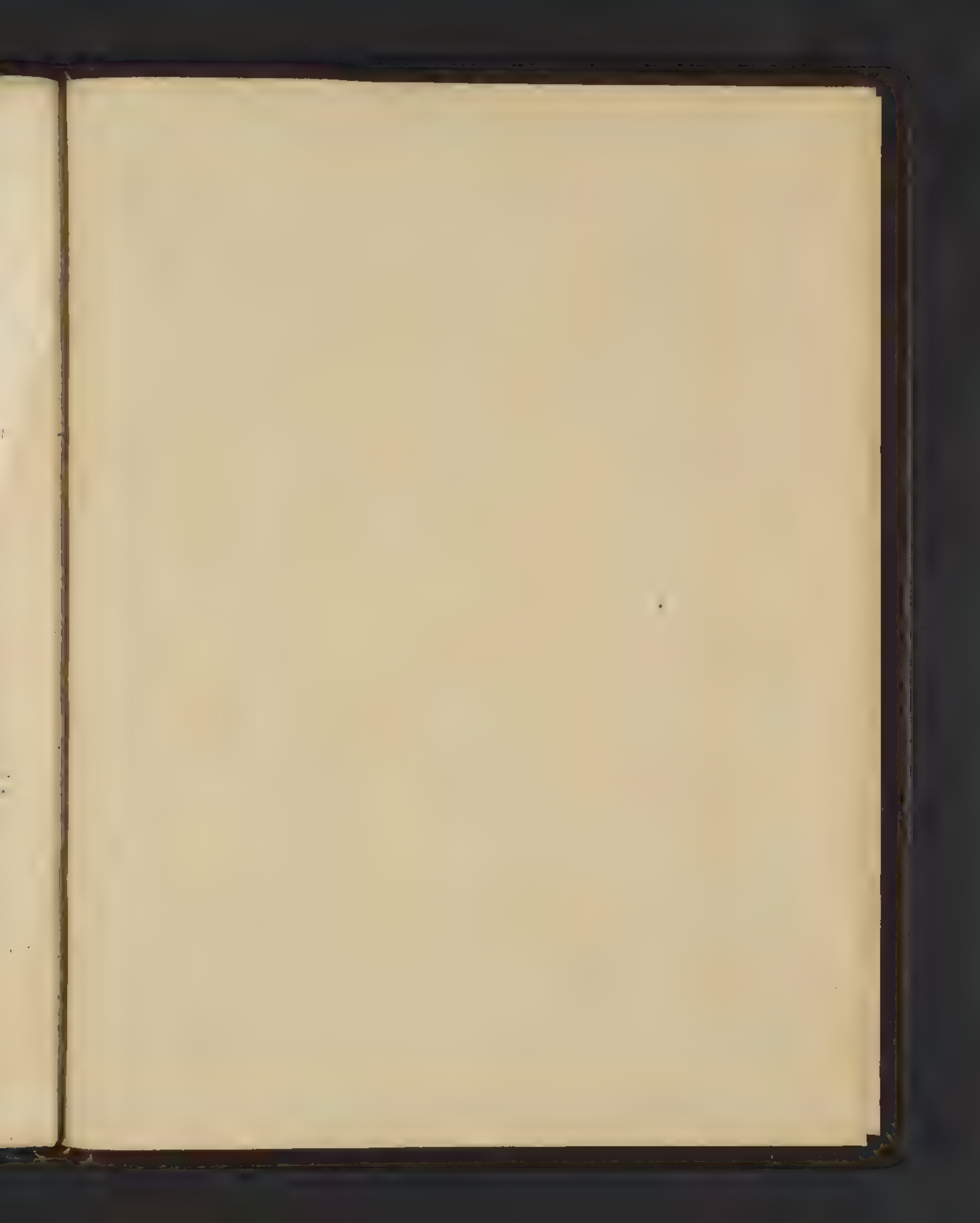


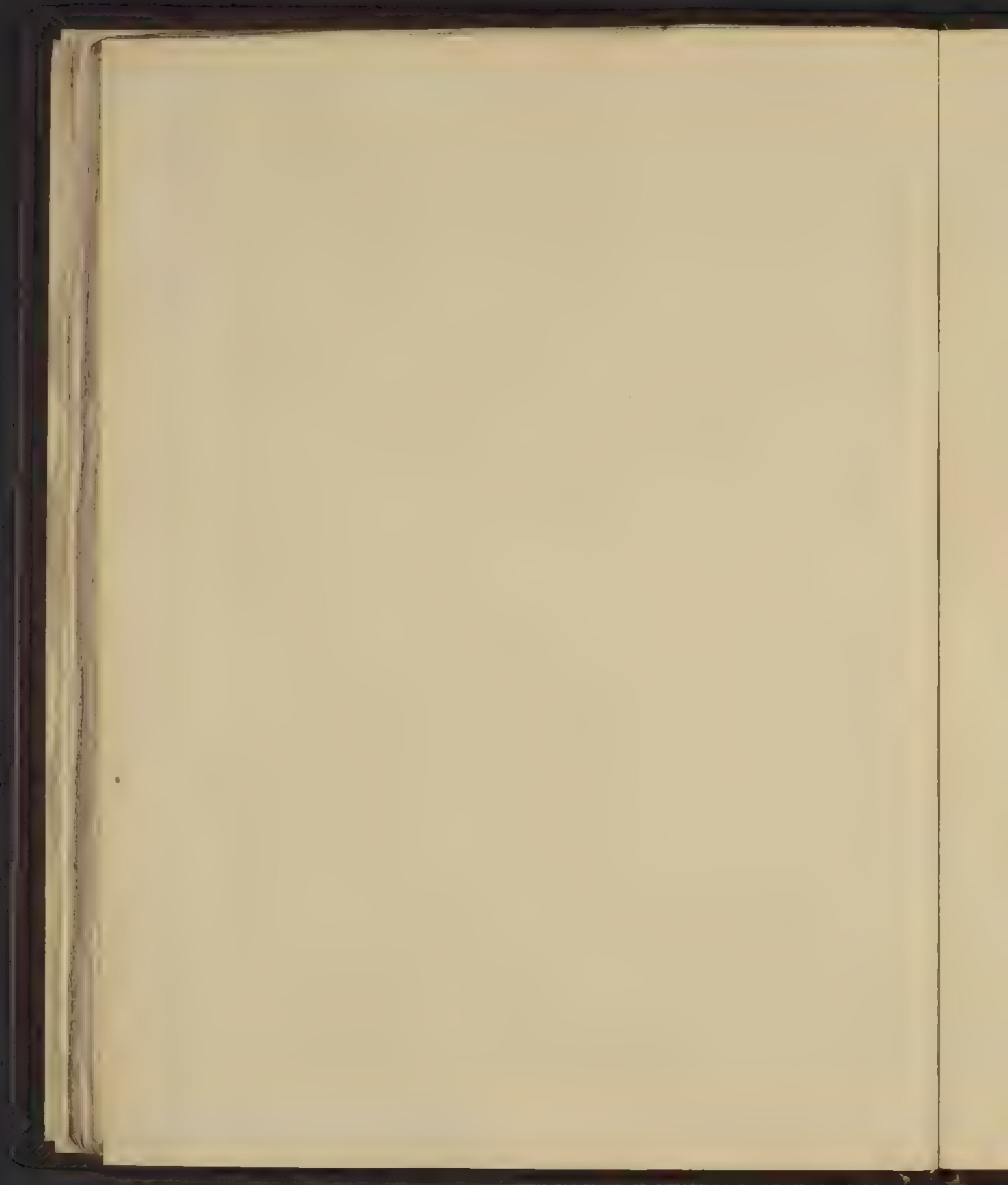
dyrt moystnes vayne thunder lightuing in
 y sommer in the winter Snow w y Gonts winds
 wite y greake blowinge winds moste nowt
 wite y derknes of the dyrt greke cloudye
 thyr of vayne moystnes. In a waterish
 finge ton y yf y bebold y plane thy of
 the wher the one openeth vppon the of
 it tanseth greake vngutnes of y dyrt
 and vntablenes and blowinge of windy.

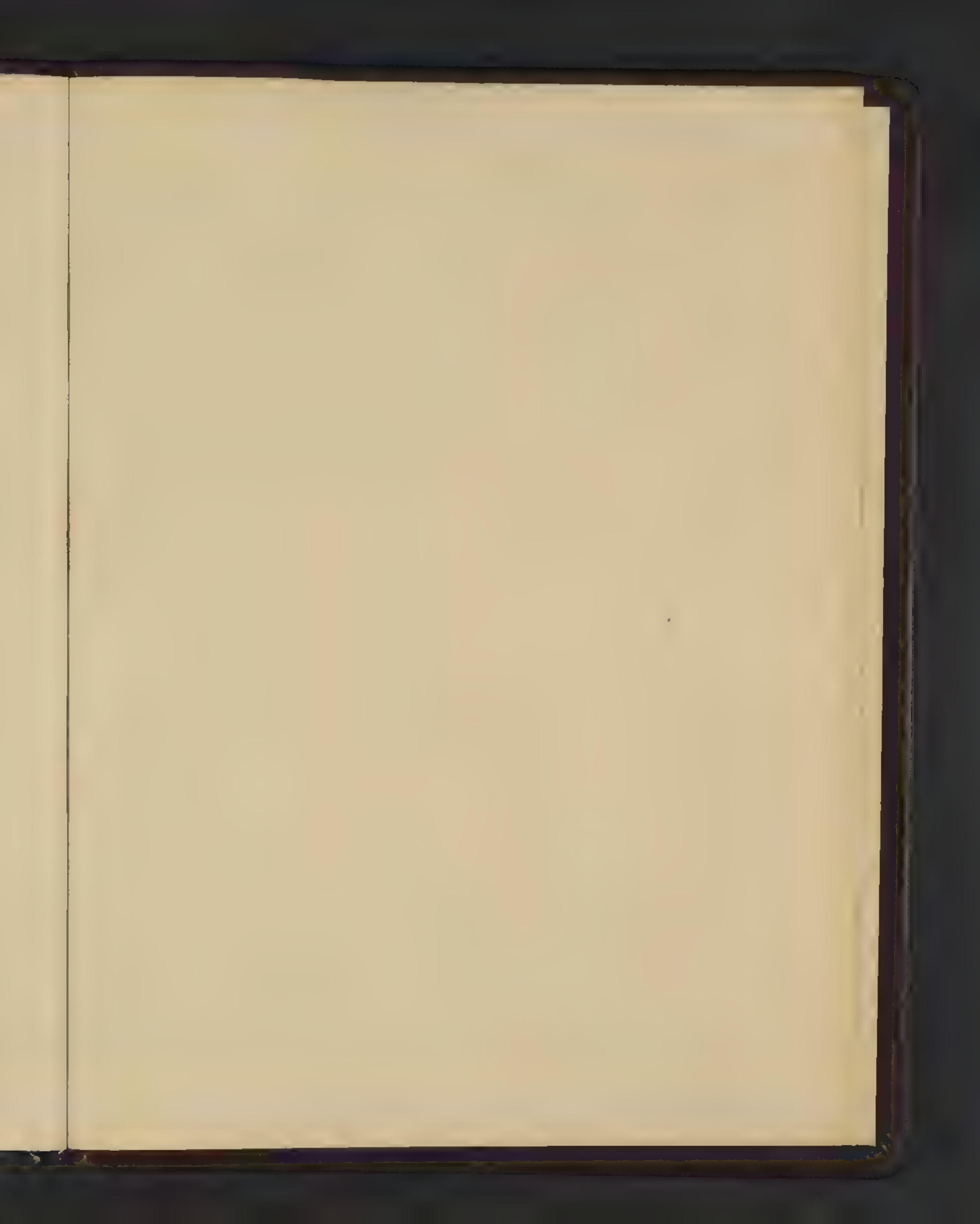
1843

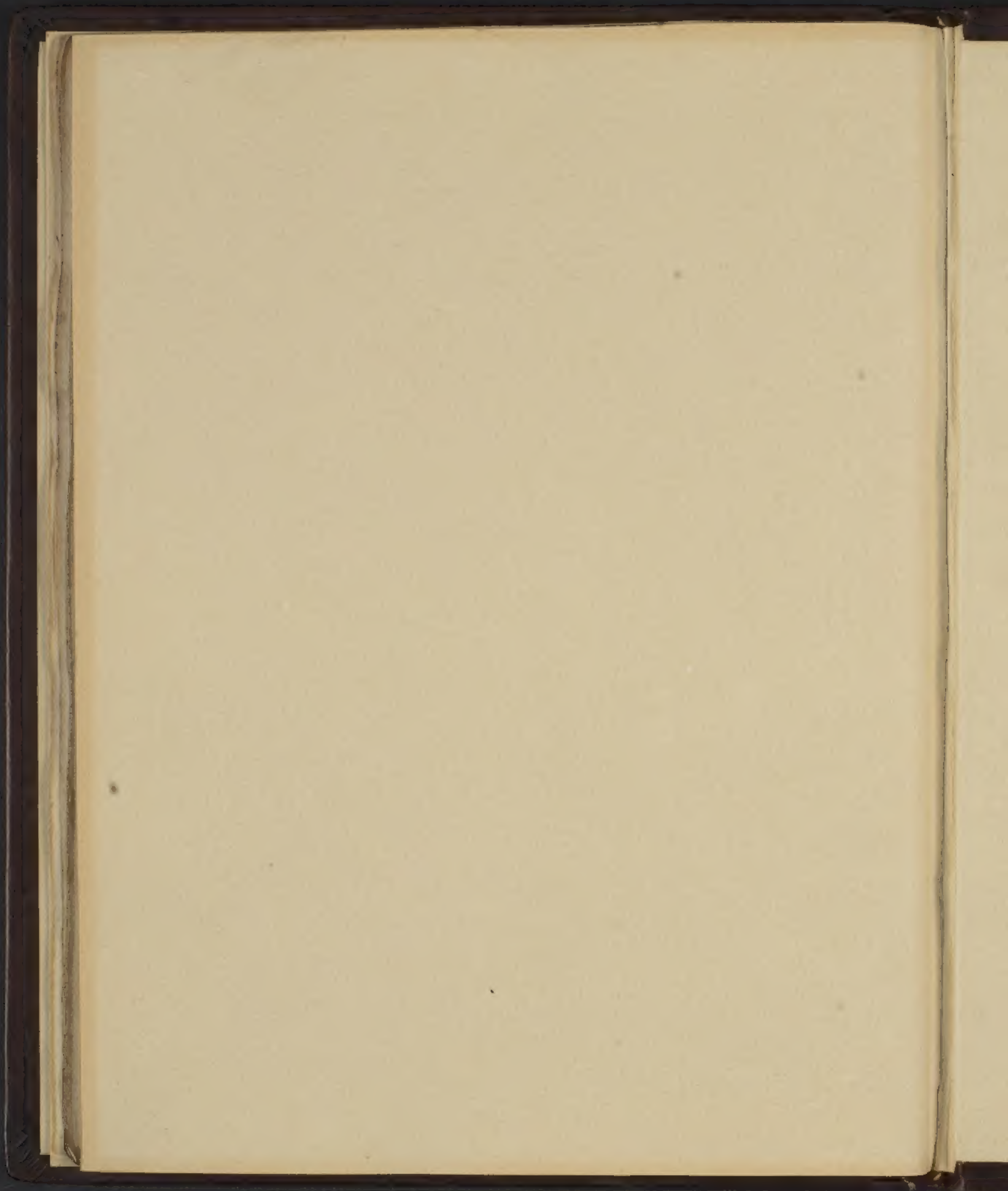
Received of the
Honble the Secy to the Govt
of the Province of Ontario
the sum of One Hundred and
Twenty Five Dollars
for the purchase of
the land of the
Indians of the
Six Nations
of the Grand River
in the County of
Dundas
the 1st day of
January 1843











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